

OLENTANGY- ALUM CREEK Connector



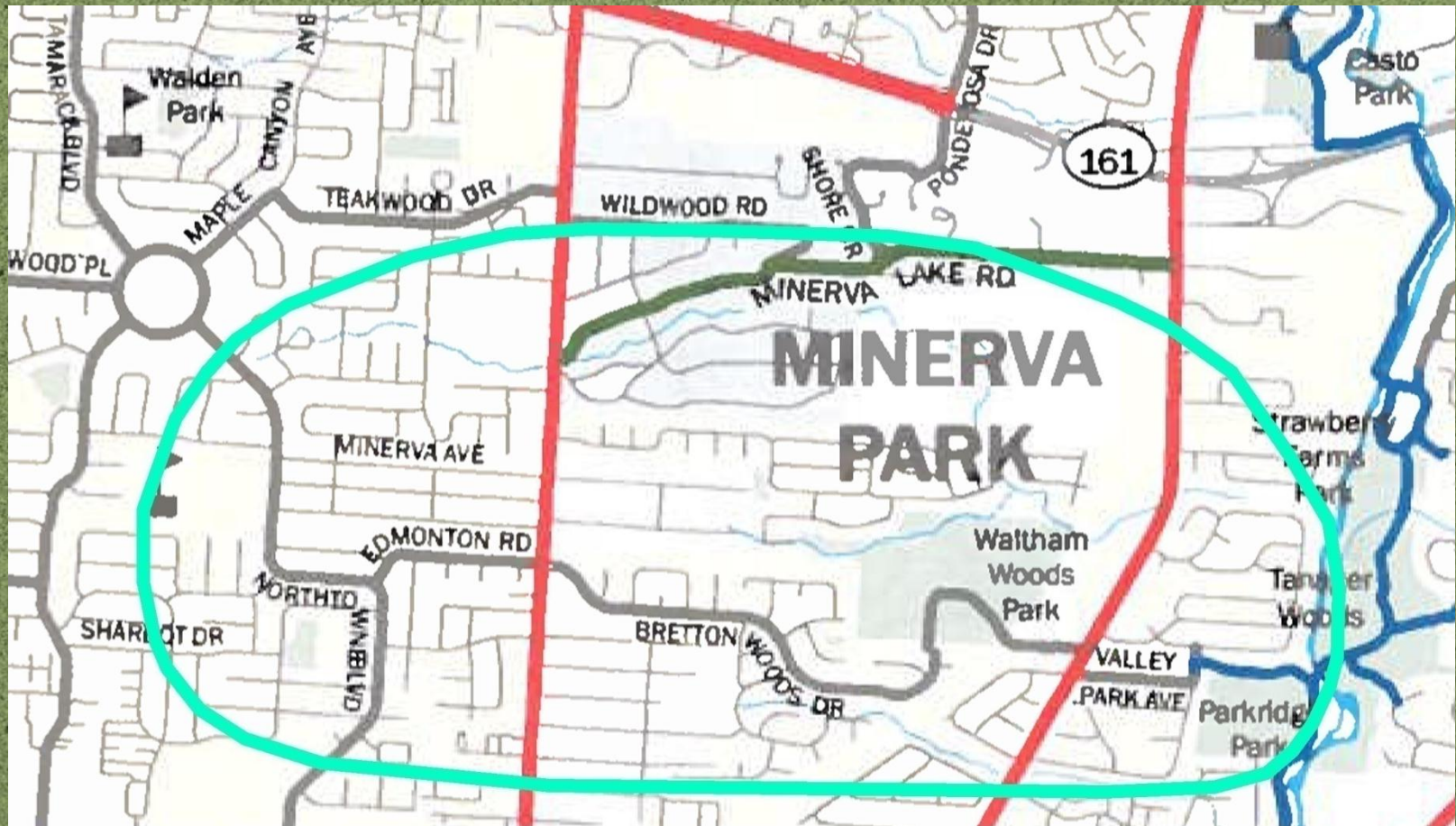
OLENTANGY-ALUM CREEK CONNECTOR

- Part of Columbus' Bicentennial Bikeway Plan.
- Links two major north-south bicycle facilities.
- Gap closure project –western part of this route already exists.
- Western terminus at intersection of Brittany and Northtowne Blvd.
- Eastern terminus at Wingfield St bicycle path to Parkridge Park/Alum Creek Path.



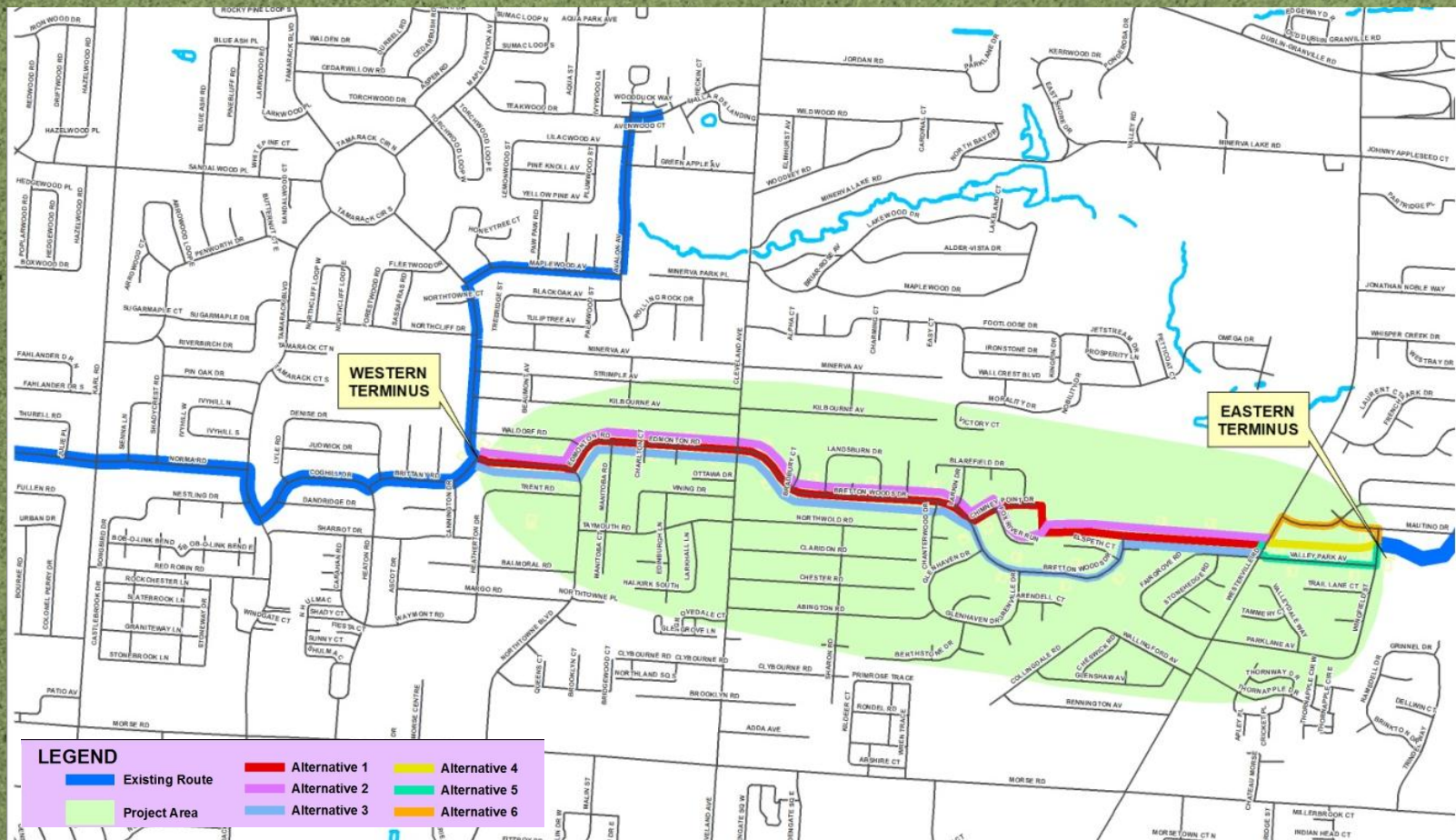
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Project Area



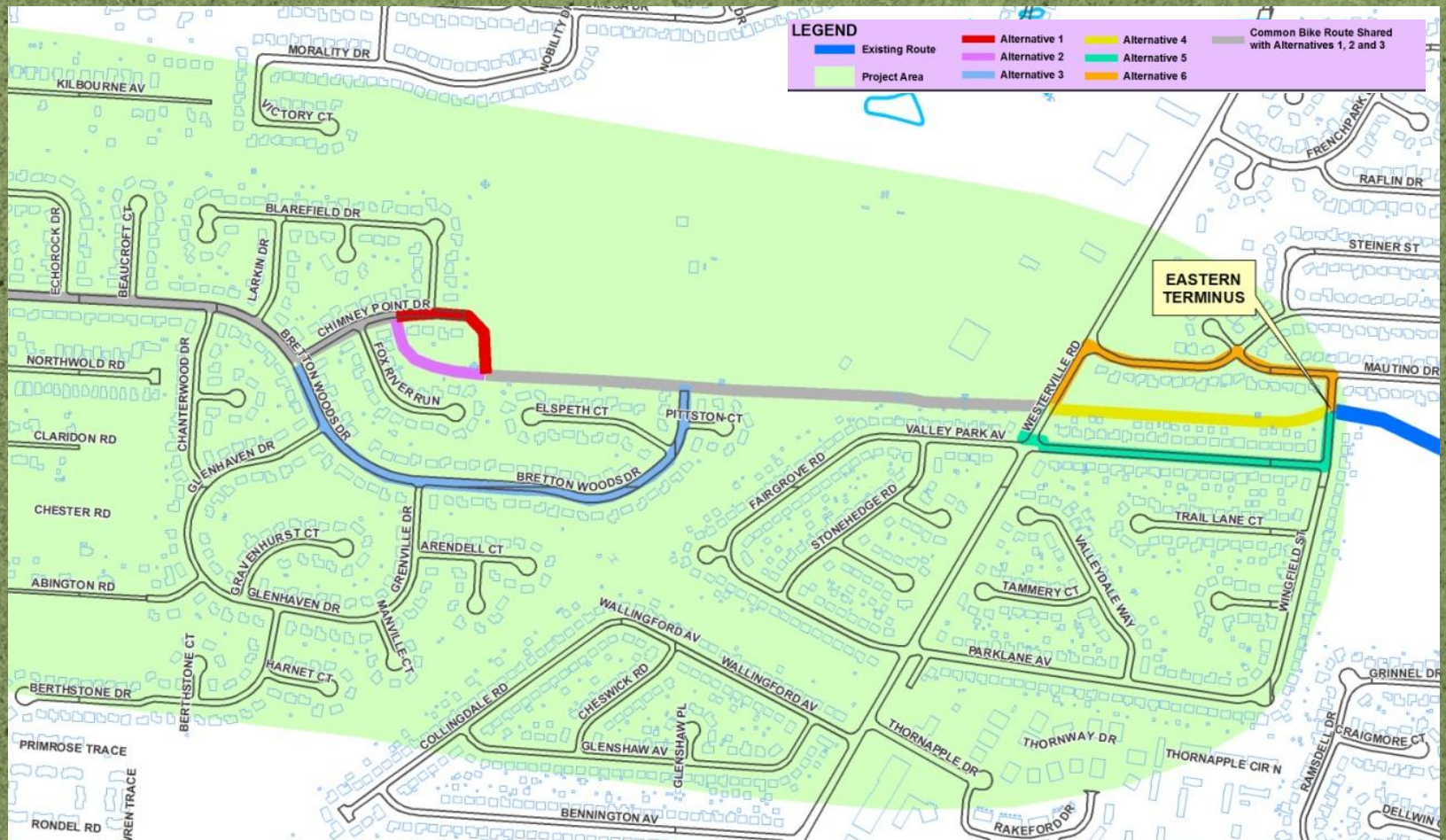
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Location Alternatives



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Alternative Locations



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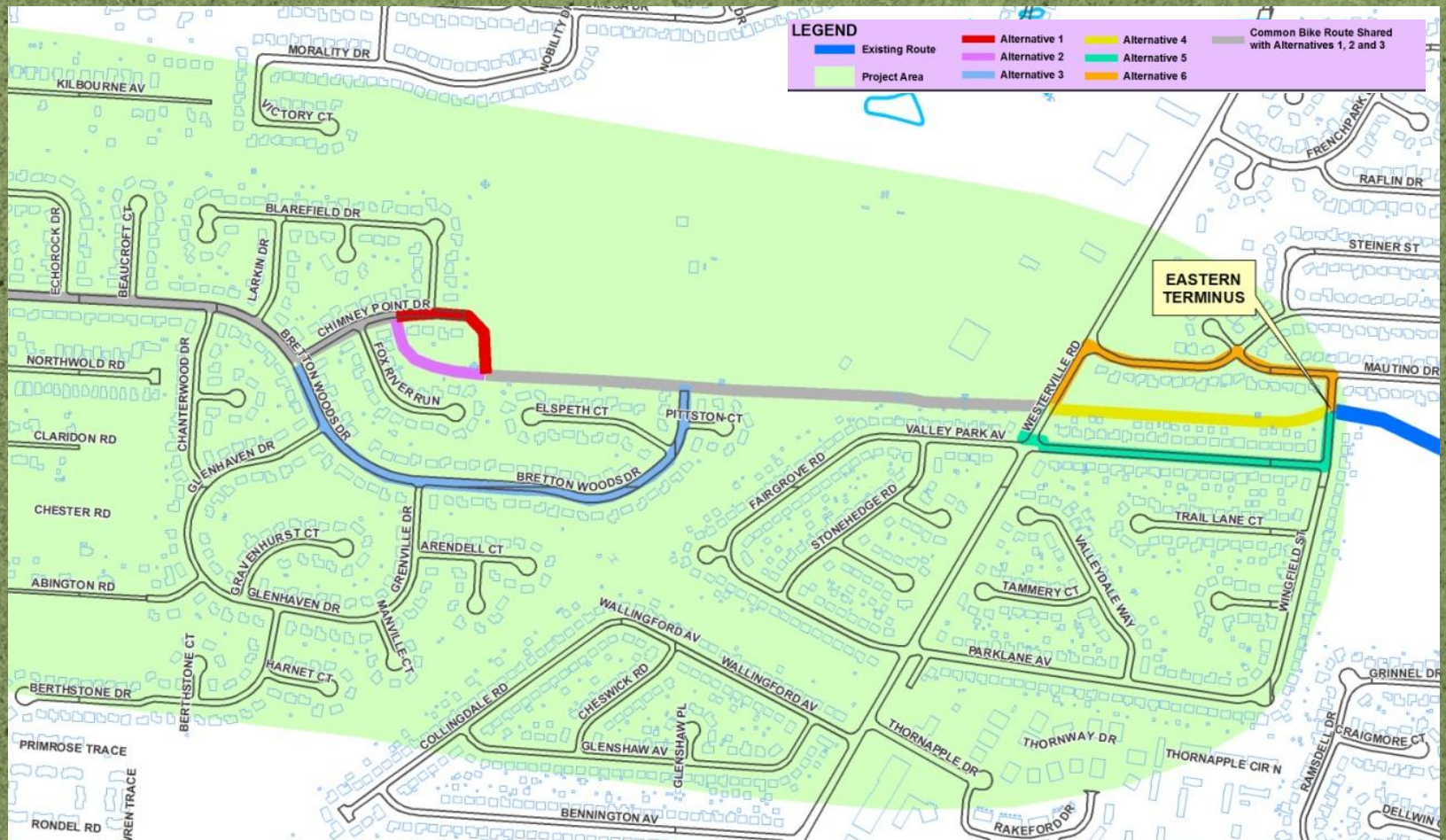
Alternatives 1-3

- **Alternative 1**
 - Along Bretton Woods & Chimney Point to AEP right of way.
- **Alternative 2**
 - Along Bretton Woods & Chimney Point to new path to AEP right of way.
- **Alternative 3**
 - Along Bretton Woods to AEP right of way.



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Alternative Locations



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Alternatives 4-6

- **Alternative 4**
 - Separate shared use path between Westerville Rd and Wingfield St.
 - Located on AEP right of way.
 - Requires removal of encroaching fences and gardens on AEP property.
- **Alternative 5**
 - Located on-street along Valley Park Ave to Wingfield St.
 - Shown on Columbus bikeway map.
- **Alternative 6**
 - Located on-street on Westerville Woods Dr and Mautino Dr to Wingfield St.



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Issues

- Approval from AEP to locate on AEP right of way.
- Coordination with Northern Columbus Athletic Association (soccer park).
- Permission to locate on old RR right of way.
- Westerville Rd crossing.



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Alternatives Evaluation Matrix

		FEASIBLE OPTIONS					
Measures of Effectiveness (MOE)	Rating Scale	Option 1	Option 2	Option 3	Option 4	Option 5	Option 6
Project Goals & Identified Needs							
Create a Smooth Flowing Bicycle Facility	Achieves/Exceeds	Exceeds	Achieves	Achieves	Exceeds	Achieves	Achieves
Connects the Olentangy to Alum Creek Bicycle Trails	Achieves/Exceeds	Achieves	Achieves	Achieves	Achieves	Achieves	Achieves
Design Factors							
Construction Cost	Low/Med/High	Med	Med	Low	High	Med	Med
Overall Length	Low/Med/High	Med	Med	Low	Med	Low	Low
Maximum Grade	Low/Med/High	Low	Low	Low	Low	Low	Low
Environmental Impacts	Low/Med/High	Low	Low	Low	Med	Low	Low
Right of Way Requirements	Low/Med/High	Low	Med	Low	Low	Low	Med
Utility Impacts	Low/Med/High	Med	Med	Med	Med	Med	Med
Roadway ADT	Low/Med/High	Low	Low	Low	Low	Low	Low
Intersection Crossings	Low/Med/High	Low	Low	Low	High	High	High
Neighborhood Connectivity	Low/Med/High	Med	Med	Med	Med	Med	Med
Potentially Affected Community & Environmental Resources							
Residential Properties	None/Low/Med/High	Low	Low	Low	High	Low	Low
History/Architecture Properties	None/Present	None	None	None	None	None	None
Archaeological Sites	None/Present	None	None	None	None	None	None
Ecological Resources	None/Present	None	None	None	None	None	None
Hazardous Material Sites	None/Present	None	None	None	None	None	None
Threatened & Endangered Species	None/Present	None	None	None	None	None	None
Public Support	Yes/No/Approval %	N/A	N/A	N/A	N/A	N/A	N/A
Cost Estimates							
Right-of-Way Cost	None/Low/Med/High	None	Low	None	Low	None	Med
Construction Cost (incl. Inflation, contingency, etc.)	Low/Med/High	Med	Med	Low	High	Med	Med
Major Utility Relocation Cost	None/Low/Med/High	None	None	None	None	None	None
Overall Project Cost	Low/Med/High	Med	Med	Low	High	Med	Med
Recommendation	Advance/Drop	Drop	Drop	Advance	Advance	Advance	Drop



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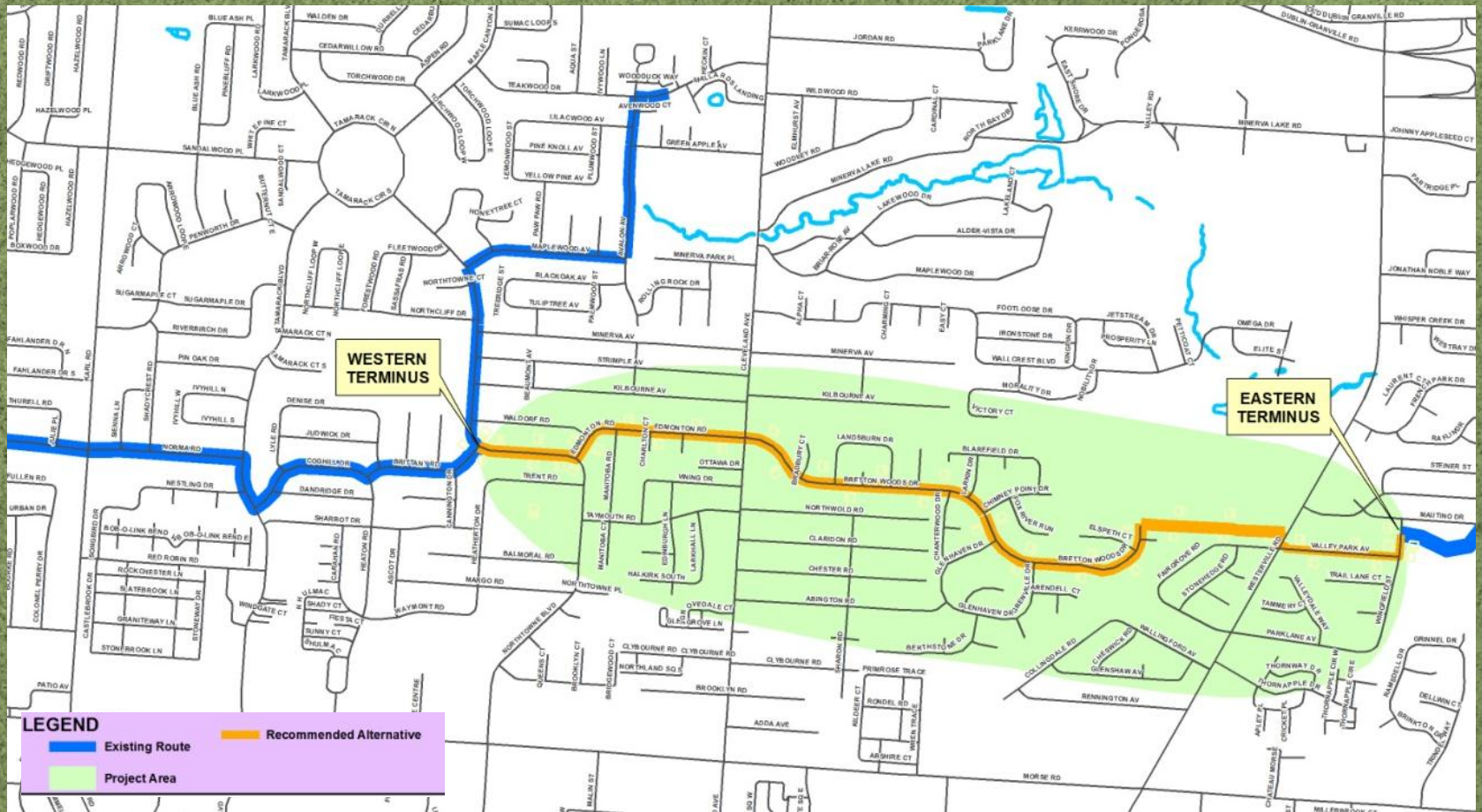
Recommendations

- Alternative 3 along Northtowne, Edmonton & Bretton Woods to AEP right of way.
- Locate path on the 25 ft of AEP right of way not leased to soccer park.
- Bike path crossing of Westerville Rd at Valley Park.
 - HAWK signal or Rectangular Rapid Flashing Beacon depending on traffic count.
 - Crossing here benefits bicyclists/pedestrians using path plus the neighborhoods.
- Alternative 5 along Valley Park Dr. to Wingfield St. to existing bike path.



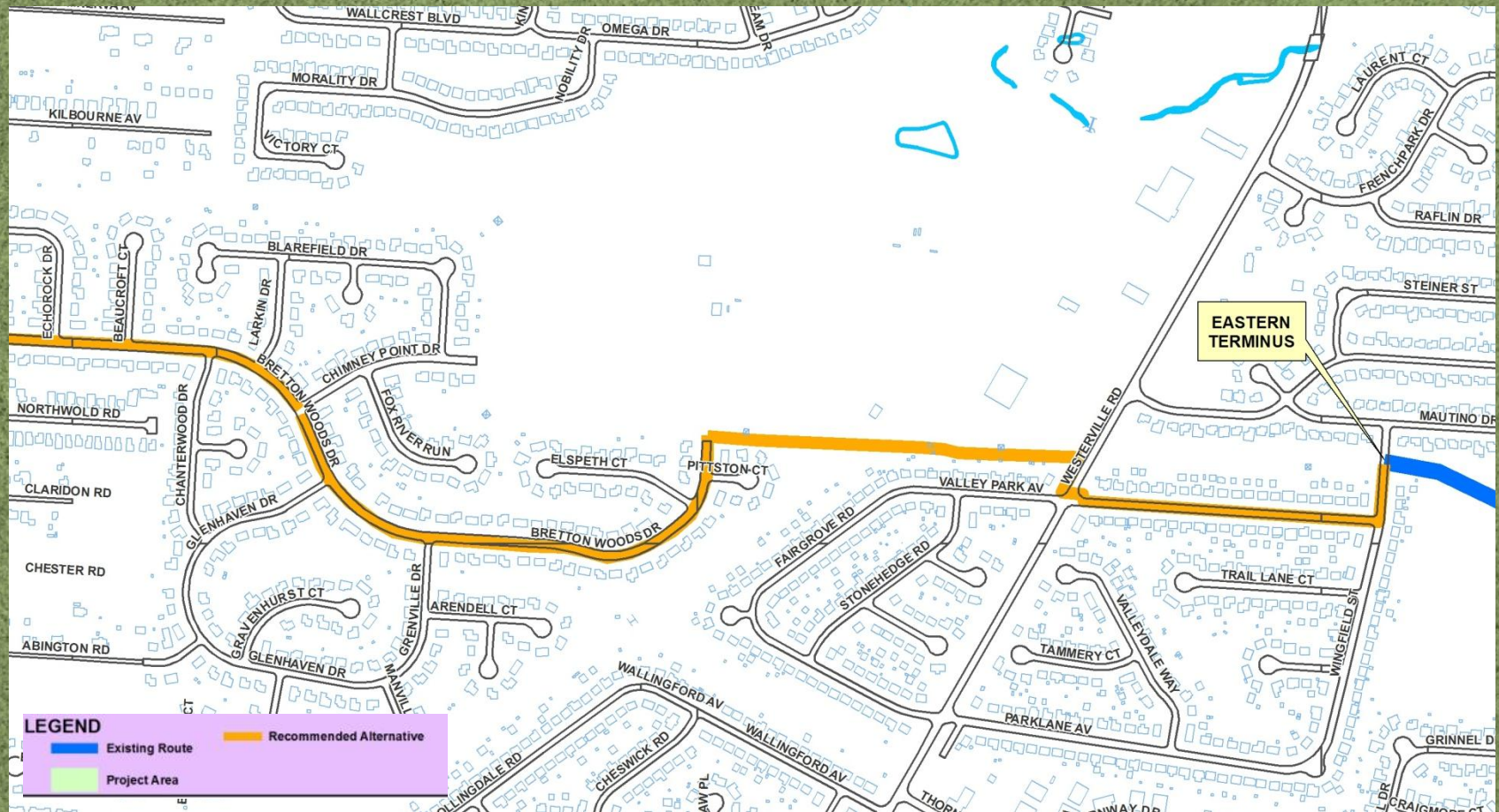
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Recommended Alternative



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Recommended Alternative



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Northern Columbus Athletic Association

- Operates soccer park west of Westerville Rd.
- Leases 75 ft of AEP right of way for parking.
- Prefers not to have parking impacted.
- Prefers a fence to separate bike path from soccer use.
- AEP employee is board member.



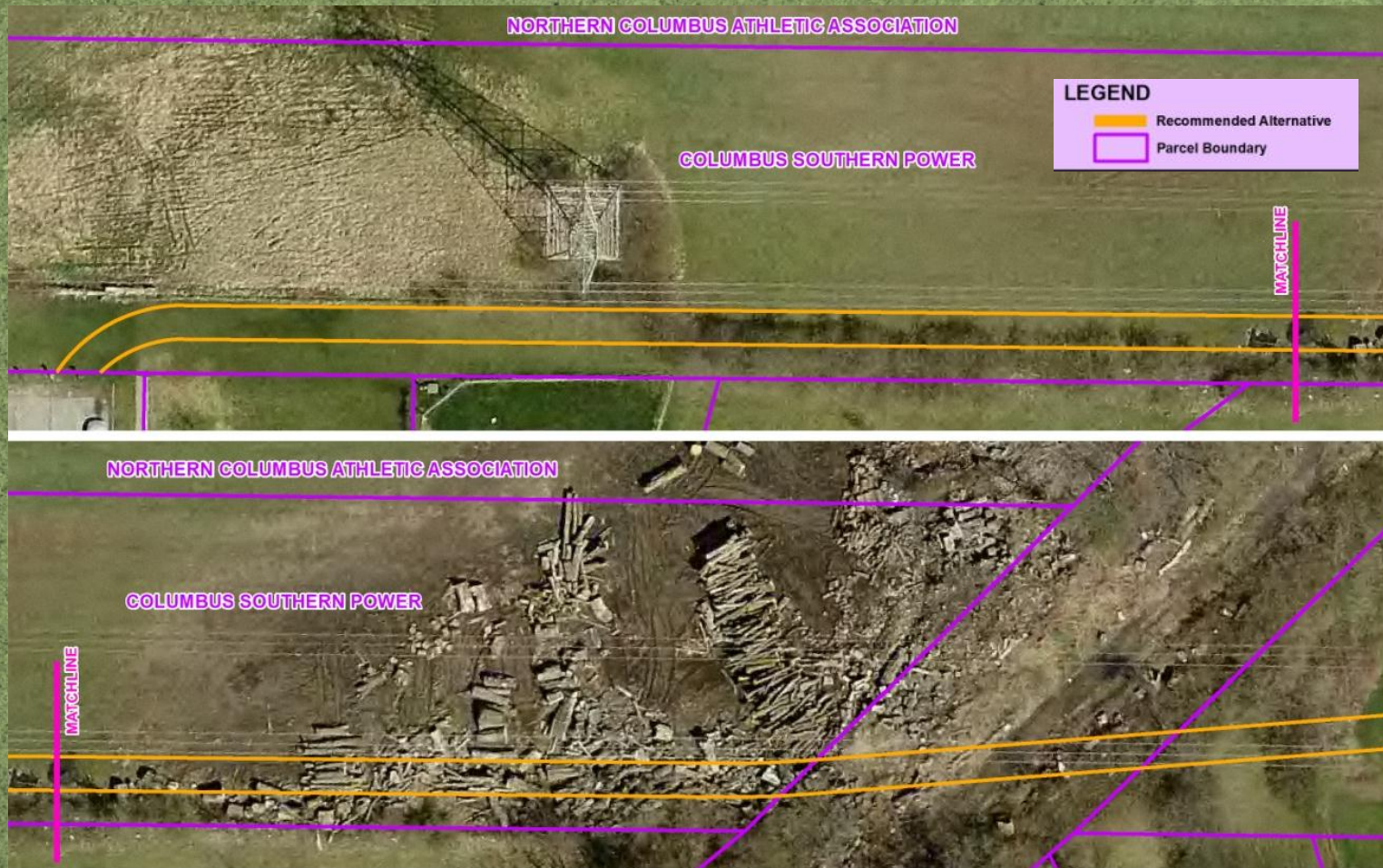
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Recommended Alternative



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Recommended Alternative



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Signage And Sharrow Examples



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Timeline

- Preliminary Engineering Study – 2012
- Design – 2013-14
- Bikeways CIP, OLAC Phase 2 Construction - 2015



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Questions?

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